

ELECTRO POLISHING SOLUTION

For Electro-Polishing
Chrome-Cobalt Alloys

- ☆ **FAST ACTING**
- ☆ **LONG LASTING - ECONOMICAL**
- ☆ **ELIMINATES NEED FOR
SHINNING TISSUE AND
RETENTION AREAS**
- ☆ **WORKS WELL WITH ALL
ELECTRO-POLISHING UNITS**
- ☆ **COMPATIBLE FOR USE
WITH ALL "NICKEL-FREE"
CHROME-COBALT ALLOYS**

PROCEDURE

- 1) Pour Electro Polishing Solution into a container with a copper cathode. Cover cathode about 1/4" (6mm).
- 2) Heat the solution to 120°F (49°C). Stir while heating.
- 3) Attach the negative (-) wire to cathode.
- 4) Attach case to anode (+) lead.
- 5) Immerse case 1/4" (6mm) below the solution surface. Keep case centered for best results and

avoidance of a short circuit.

- 6) Adjust amperage. Amperage will vary depending on case size and solution temperature. In general, larger cases require higher amperes. Ampere range is 4 to 8.
- 7) Polishing time like amperage will vary with the size of case and temperature of the acid. Times will vary from 5 to 15 minutes.
- 8) During electro-polishing, the temperature of the solution will continue to increase.
Avoid exceeding 160°F (71°C).
- 9) Reversing the case connection after half the polishing time will give more uniform results.
- 10) After polishing, remove case and rinse thoroughly in water.
- 11) See SDS for proper disposal.



DANGER Contains Diluted Sulfuric Acid

Warning: Corrosive. May cause severe irritation or burns to all tissues. Inhalation of vapors or mist may cause severe mucous membrane irritation or burns and severe respiratory irritation and lung damage. **May be fatal if swallowed or inhaled.**

First Aid Procedures

If on Skin: Immediately flush exposed area with water for at least 15 minutes. Get medical attention and remove any contaminated clothing.

If in Eyes: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. If a physician is not immediately available, continue flushing eyes with water.

If Swallowed: **DO NOT INDUCE VOMITING.** Dilute by giving water. Get immediate medical attention.

In Case of Fire: Use dry chemical, foam or carbon dioxide.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Niranium

DIVISION OF CMP INDUSTRIES LLC
Albany, New York
Telephone: 518 434-3147 • Fax: 518 434-1288
www.nobilium.com

Form 809001DFU Rev 6/2015